

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: SCOTT G. MEIKLE  
FILED: CONCURRENTLY HEREWITH  
FOR: **METHOD AND APPARATUS FOR  
FORMING A PLANARIZING PAD  
HAVING A FILM AND TEXTURE  
ELEMENTS FOR PLANARIZATION OF  
MICROELECTRONIC SUBSTRATES**

**Information Disclosure Statement Within Three Months of  
Application Filing or Before First Action – 37 C.F.R. § 1.97(b)**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever occurs last [37 C.F.R. § 1.97(b)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☐ Copies of the following references are enclosed:

- ☐ All cited references
- ☐ References marked by asterisks
- ☐ The following:

☒ Copies of the following references can be found in parent U.S. Application No. 09/649,427:

- ☒ All cited references
- ☐ References marked by asterisks
- ☐ The following:

- ☐ The following references are not in English. For each such reference, the undersigned has enclosed (i) a translation of the reference; (ii) a copy of a communication from a foreign patent office or International Searching Authority citing the reference, (iii) a copy of a reference which appears to be an English-language counterpart, or (iv) an English-language abstract for the reference prepared by a third party. Applicant has not verified that the translation, English-language counterpart or third-party abstract is an accurate representation of the teachings of the non-English reference, though, and reserves the right to demonstrate otherwise.

- ☐ All cited references
- ☐ References marked by ampersands
- ☐ The following:

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action.

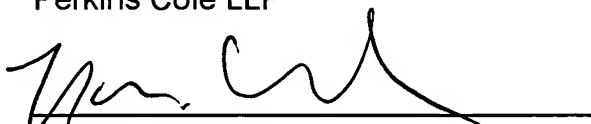
- ☐ Applicant further submits that no fee is due in light of the following certification under 37 C.F.R. § 1.97(e) (check only one):
- ☐ In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement; or
  - ☐ In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.

However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,  
Perkins Coie LLP



John M. Wechkin  
Registration No. 42,216

Date: Sep. 15, 2003

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	
				Confirmation Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
Examiner Name					
Sheet	1	of	7	Attorney Docket No. 108298511US1	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
		U.S. Application No. 09/649,429 (Atty Docket No. 108298404US)		Agarwal et al.	Filed 08/28/2000	
		5,020,283		Tuttle	06/04/1991	
		5,177,908		Tuttle	01/12/1993	
		5,196,353		Sandhu et al.	03/23/1993	
		5,222,329		Yu	06/29/1993	
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		5,449,314		Meikle et al.	09/12/1995	
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		5,514,245		Doan et al.	05/07/1996	
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		5,609,718		Meikle	03/11/1997	
		5,616,069		Walker et al.	04/01/1997	
		5,618,381		Doan et al.	04/08/1997	
		5,624,303		Robinson	04/29/1997	
		5,643,048		Iyer	07/01/1997	
		5,645,682		Skrovan	07/08/1997	
		5,650,619		Hudson	07/22/1997	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

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		NUMBER	Kind Code (if known)			
		5,655,951		Meikle et al.	08/12/1997	
		5,658,190		Wright et al.	08/19/1997	
		5,663,797		Sandhu	09/02/1997	
		5,679,065		Henderson	10/21/1997	
		5,690,540		Elliott et al.	11/25/1997	
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		5,698,455		Meikle et al.	12/16/1997	
		5,702,292		Brunelli et al.	12/30/1997	
		5,725,417		Robinson	03/10/1998	
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		5,747,386		Moore	05/05/1998	
		5,779,522		Walker et al.	07/14/1998	
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		5,798,302		Hudson et al.	08/25/1998	
		5,801,066		Meikle	09/01/1998	
		5,823,855		Robinson	10/20/1998	
		5,830,806		Hudson et al.	11/03/1998	
		5,846,336		Skrovan	12/08/1998	
		5,855,804		Walker	01/05/1999	
		5,868,896		Robinson et al.	02/09/1999	

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		NUMBER	Kind Code (if known)			
		5,871,392		Meikle et al.	02/16/1999	
		5,879,222		Robinson	03/09/1999	
		5,879,226		Robinson	03/09/1999	
		5,882,248		Wright et al.	03/16/1999	
		5,893,754		Robinson et al.	04/13/1999	
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		5,910,043		Manzonie et al.	06/08/1999	
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		5,934,980		Koos et al.	08/10/1999	
		5,938,801		Robinson	08/17/1999	
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		5,967,030		Blalock	10/19/1999	
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		5,980,363		Meikle et al.	11/09/1999	
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		5,990,012		Robinson et al.	11/23/1999	
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		NUMBER	Kind Code (if known)			
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		6,040,245		Sandhu et al.	03/21/2000	
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		6,139,402		Moore	10/31/2000	
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		6,176,763	B1	Kramer et al.	01/23/2001	
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		6,190,494	B1	Dow	02/20/2001	
		6,191,037	B1	Robinson et al.	02/20/2001	
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		NUMBER	Kind Code (if known)			
		6,200,901	B1	Hudson et al.	03/13/2001	
		6,203,407	B1	Robinson	03/20/2001	
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		6,213,845	B1	Elledge	04/10/2001	
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		6,244,944	B1	Elledge	06/12/2001	
		6,250,994	B1	Chopra et al.	06/26/2001	
		6,251,785	B1	Wright	06/26/2001	
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		6,271,139	B1	Alwan et al.	08/07/2001	
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		6,276,996	B1	Chopra	08/21/2001	
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		6,284,660	B1	Doan	09/04/2001	
		6,287,879	B1	Gonzales et al.	09/11/2001	
		6,290,572	B1	Hofmann	09/18/2001	
		6,290,579	B1	Walker et al.	09/18/2001	
		6,296,557	B1	Walker	10/02/2001	
		6,301,006	B1	Doan	10/09/2001	
		6,306,008	B1	Moore	10/23/2001	
		6,306,012	B1	Sabde	10/23/2001	
		6,306,014	B1	Walker et al.	10/23/2001	
		6,309,282	B1	Wright et al.	10/30/2001	
		6,312,558	B2	Moore	11/06/2001	
		6,313,038	B1	Chopra et al.	11/06/2001	
		6,319,108	B1	Adefris et al.	11/20/2001	
		6,319,420	B1	Dow	11/20/2001	
		6,323,046	B1	Agarwal	11/27/2001	
		6,325,702	B2	Robinson	11/04/2001	
		6,328,632	B1	Chopra	12/11/2001	
		6,331,135	B1	Sabde et al.	12/18/2001	
		6,331,139	B1	Walker et al.	12/18/2001	
		6,331,488	B1	Doan et al.	12/18/2001	
		6,350,180	B2	Southwick	02/26/2002	

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		6,352,466	B1	Moore	03/05/2002	
		6,352,470	B2	Elledge	03/05/2002	
		6,354,919	B2	Chopra	03/12/2002	
		6,354,929	B1	Adefris et al.	03/12/2002	
		6,354,930	B1	Moore	03/12/2002	
		6,358,122	B1	Sabde et al.	03/19/2002	
		6,361,400	B2	Southwick	03/26/2002	
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		6,364,749	B1	Walker	04/02/2002	
		6,364,757	B2	Moore	04/02/2002	
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		Office	NUMBER Kind Code (if known)				
OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.					T
		KONDO, S. et al., "Abrasive-Free Polishing for Copper Damascene Interconnection", <i>Journal of the Electrochemical Society</i> , 147 (10) pp. 3907-3913 (2000).					

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